

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF SCHOOL REDUCED SPEED LIMIT FLASHERS (H.I.B.'s) ON THE EASTBOUND AND WESTBOUND APPROACHES OF MD 177 (MOUNTAIN ROAD) AT VENTNOR ROAD FOR CHESAPEAKE ELEMENTARY AND MIDDLE SCHOOLS IN ANNE ARUNDEL COUNTY. MD 177 IS ASSUMED TO RUN IN THE EAST-WEST DIRECTION.

PROJECT CONTACTS

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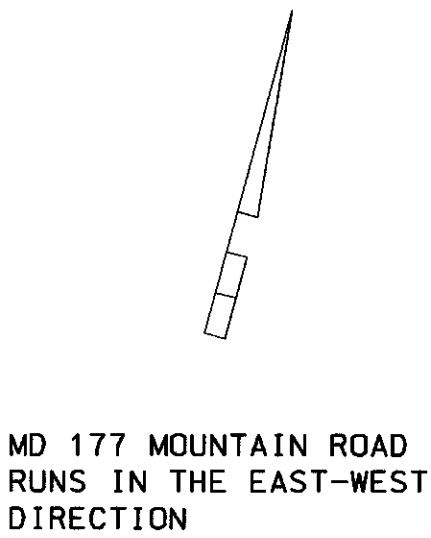
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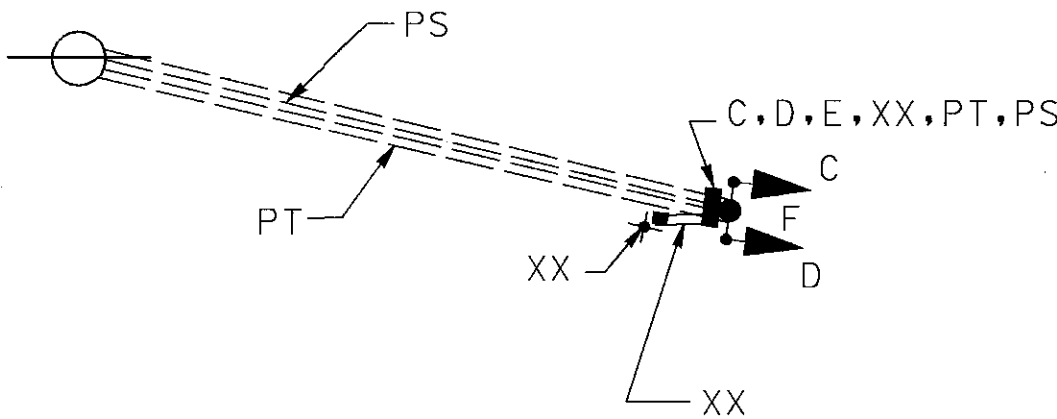
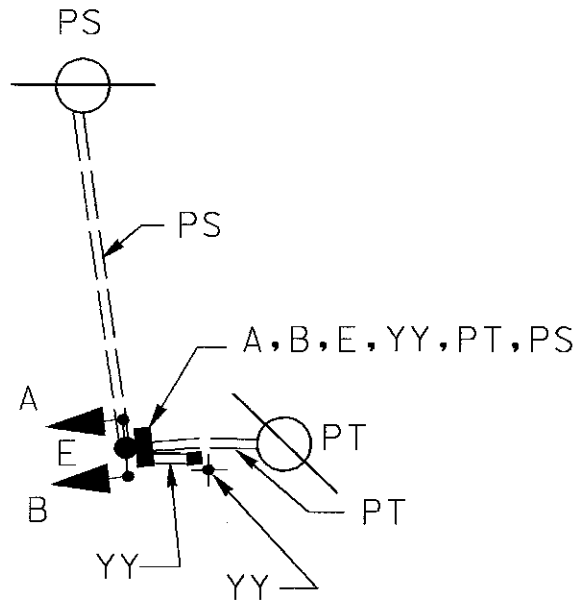
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WIRING DIAGRAM

- A,B,C,D - 3 CONDUCTOR CABLE (NO. 14 AWG)
E,F - 3 CONDUCTOR CABLE (NO. 14 AWG) FOR PHOTOCELL
XX, YY - BARE COPPER GROUND WIRE (NO. 6)
PS - PROPOSED ELECTRICAL SERVICE (3) 1-CONDUCTOR CABLE (NO. 8 AWG)
PT - PROPOSED ELECTRICAL TELEPHONE SERVICE
+ - GROUND ROD 3/4" DIAMETER X 10' LENGTH



EQUIPMENT LIST

A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM NO.	QUANTITY	DESCRIPTION
9001	2 EA	CONTROLLER ASC II WITH NIC AND INTERSECTION MONITOR II WITH BATTERY BACK-UP FOR PHONE DROP HOUSED IN A POLE MOUNTED "G" SIZE CABINET.
9002	98 SF	FLAT SHEET ALUMINUM SIGNS: -- 2 EACH S1-1 FYG (36"X36") GROUND MOUNTED -- 2 EACH W16-7 FYG (30"X18") GROUND MOUNTED -- 2 EACH S5-1 (30"X60") POLE MOUNTED -- 2 EACH R2-1 (24"X30") GROUND MOUNTED -- 2 EACH S1-1A2 ASSEMBLY GROUND MOUNTED -- S1-1 FYG (36"X36") -- S4-3 FYG (24"X8") -- S4-4(1) B/W (30"X15") -- 2 EACH S5-2 (24"X30") GROUND MOUNTED

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
2002	2 CY	TEST PIT EXCAVATION
5008	30 LF	REMOVAL OF EXISTING PAVEMENT LINE MARKINGS - ANY WIDTH
6004	24 SF	F&I 4 INCH CONCRETE SIDEWALK
8011	4 EA	F&I 12 INCH VEHICULAR SIGNAL HEAD SECTION
8020	2 EA	F&I CONTROL AND DISTRIBUTION EQUIPMENT FOR SIGNAL
8030	2 EA	F&I 20 FOOT PEDESTAL POLE AND BASE
8031	2 EA	F&I PHOTOCELL
8048	1 EA	REMOVE & DISPOSE OF MATERIAL AND EQUIPMENT PER ASSIGNMENT
8051	100 LF	F&I 3 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8059	2 CY	F&I CONCRETE FOR SIGNAL FOUNDATION
8060	60 LF	F&I WOOD SIGN SUPPORTS 4 INCH X 4 INCH
8061	35 LF	F&I WOOD SIGN SUPPORTS 4 INCH X 6 INCH
8062	20 LF	F&I NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8068	50 LF	F&I 3 INCH SCHEDULE 80 RIGID PVC CONDUIT- SLOTTED
8073	630 LF	F&I ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG - THHN/THWN
8074	2 EA	F&I ELECTRICAL HANDHOLE
8076	98 SF	INSTALL GROUND MOUNTED SIGN
8082	2 EA	F&I GROUND ROD 3/4 INCH DIAMETER X 10 FOOT LENGTH
8085	135 LF	F&I ELECTRICAL CABLE 3-CONDUCTOR NO 14 AWG
8093	130 LF	F&I 2 INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED
8094	2 EA	INSTALL CONTROLLER AND CABINET - POLE MOUNT

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
		NO EQUIPMENT TO BE RETURNED TO THE SHA.



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION <i>Office of Traffic & Safety</i> TRAFFIC ENGINEERING DESIGN DIVISION MD 177 (MOUNTAIN ROAD) AT VENTNOR ROAD VENTNOR, MARYLAND GENERAL INFORMATION SHEET			
DRAWN BY: M. PIERRE	F.A.P. NO. N/A	TS NO. 4180-61	SHEET NO. 2 OF 2
CHECKED BY: J. LAWRENCE	S.H.A. NO. AA287A56		
SCALE: 1" = 20'	COUNTY: ANNE ARUNDEL	T.I.M.S. NO. F181	
DATE: JUNE 2002	LOG MILE: 02017708.45		